

# Data Sheet

## Fujitsu PRIMERGY CX2550 M2 PRIMERGY Cloud Servers

Standard server node for PRIMERGY CX400 M1 multi-node server system

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### PRIMERGY CX2550 M2

The PRIMERGY CX2550 M2 is a compact server node enabling highest computing density with four independent servers in 2U. It is ideal for high performance computing, hosting, and hyper-converged stacks as well as in dedicated Big Data environments.

Combined in a PRIMERGY CX400 M1 multi-node system the servers provide an aggregated scale-out performance of a total of 8 CPUs of the latest Intel® Xeon® processor E5-2600 v4 product family, 64 DDR4 memory DIMMs and up to 24 storage drives in a condensed 2 U rack enclosure. With a huge performance potential, high energy efficiency and at the same time attractive investment costs the PRIMERGY CX2550 M2 provides great versatility to match even ambitious workloads.



# Features & Benefits

Main Features	Benefits
<p>High-end HPC server nodes</p> <ul style="list-style-type: none"> <li>Four PRIMERGY CX2550 M2 server nodes, each with two processors, 16 DDR4 memory DIMMs, and up to six local storage drives can be smartly packaged into a condensed 2U rack enclosure.</li> </ul> <p>Latest technology</p> <ul style="list-style-type: none"> <li>Up to two Intel® Xeon® processor E5-2600 v4 product family with up to 22 cores and 55 MB cache, advanced Turbo Boost 2.0 technology, Hyper Threading, two accelerated QPI links and internal Memory Management Unit.</li> <li>16 DIMMs per server node with up to 1,024 GB DDR4 memory and up to 2,400 MHz DRAM bandwidth.</li> <li>Cool-safe® Advanced Thermal Design enables operation in a higher ambient temperature.</li> </ul> <p>Shared infrastructure &amp; easy serviceability</p> <ul style="list-style-type: none"> <li>Server nodes share central cooling fans and hot-plug power supplies in the 2U PRIMERGY CX400 M1 chassis.</li> <li>Hot-plug for server nodes, power supplies and disk drives enable enhanced availability and easy serviceability.</li> </ul> <p>Optional liquid cooling solution</p> <ul style="list-style-type: none"> <li>The optional direct-to-chip hot water (40 °C / 105 °F) based Cool-Central® Liquid Cooling captures between 60-80% of the servers heat.</li> <li>Removes heat directly from CPUs and memory modules within the server, eliminating the need to cool these components.</li> </ul>	<ul style="list-style-type: none"> <li>50% less rack space used as compared to equivalent standard rack servers. Higher server density results in more performance per rack unit.</li> <li>Boost your general computing performance by up to 38% compared to the previous generation.</li> <li>The new DDR4 memory technology provides higher performance with lower power requirements.</li> <li>Each additional degree in the data center means approximately 5-6 percent less energy costs for air-conditioning.</li> <li>Decreased energy consumption, lower investment, yet still redundant operation. Lower energy budgets for a comparable performance as with standard rack servers.</li> <li>Each single server can be serviced without affecting the other nodes in the chassis. Redundancy for shared components provides uniform higher availability.</li> <li>Helps to reduce data center cooling costs by over 50% and leads to less power draw of servers.</li> <li>Allows for 2.5-5x higher data center density to realise even ambitious projects.</li> </ul>

# Technical details

## PRIMERGY CX2550 M2

Base unit	PRIMERGY CX2550 M2 air cooling	PRIMERGY CX2550 M2 liquid cooling
Housing types	Air-cooled node	Liquid-cooled node
Product Type	Dual Socket 1U Server Node	Dual Socket 1U Server Node

## Mainboard

Mainboard type	D 3343
Chipset	Intel® C610
Processor quantity and type	2 x Intel® Xeon® processor E5-2600 v4 product family

Intel® Xeon® processor E5-2699v4 (22C/44T, 2.20 GHz, up to 2.8 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2699Av4 (22C/44T, 2.40 GHz, up to 3.0 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2698v4 (20C/40T, 2.20 GHz, up to 2.7 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2697v4 (18C/36T, 2.30 GHz, up to 2.8 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2697Av4 (16C/32T, 2.60 GHz, up to 3.1 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2695v4 (18C/36T, 2.10 GHz, up to 2.6 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2690v4 (14C/28T, 2.60 GHz, up to 3.2 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2687Wv4 (12C/24T, 3.00 GHz, up to 3.2 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2683v4 (16C/32T, 2.10 GHz, up to 2.6 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2680v4 (14C/28T, 2.40 GHz, up to 2.9 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2667v4 (8C/16T, 3.20 GHz, up to 3.5 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2660v4 (14C/28T, 2.00 GHz, up to 2.4 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2650v4 (12C/24T, 2.20 GHz, up to 2.5 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2650Lv4 (14C/28T, 1.70 GHz, up to 2.0 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2643v4 (6C/12T, 3.40 GHz, up to 3.6 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2640v4 (10C/20T, 2.40 GHz, up to 2.6 GHz, 8.0 GT/s)  
 Intel® Xeon® processor E5-2637v4 (4C/8T, 3.50 GHz, up to 3.6 GHz, 9.6 GT/s)  
 Intel® Xeon® processor E5-2630v4 (10C/20T, 2.20 GHz, up to 2.4 GHz, 8.0 GT/s)  
 Intel® Xeon® processor E5-2630Lv4 (10C/20T, 1.80 GHz, up to 2.0 GHz, 8.0 GT/s)  
 Intel® Xeon® processor E5-2623v4 (4C/8T, 2.60 GHz, up to 2.9 GHz, 8.0 GT/s)  
 Intel® Xeon® processor E5-2620v4 (8C/16T, 2.10 GHz, up to 2.3 GHz, 8.0 GT/s)  
 Intel® Xeon® processor E5-2609v4 (8C/8T, 1.70 GHz, 6.4 GT/s)  
 Intel® Xeon® processor E5-2603v4 (6C/6T, 1.70 GHz, 6.4 GT/s)

Memory slots	16 / 4 channels per CPU with 8 DIMMs per CPU = 16 DIMMs in total
Memory capacity (min. - max.)	16 GB - 1024 GB
Memory protection	Advanced ECC SDDC

Memory notes	Supports R-DIMM, LR-DIMM
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8 GB (1 8 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 1Rx4  
 8 GB (1 8 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx8  
 16 GB (1 16 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 1Rx4  
 16 GB (1 16 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx4  
 16 GB (1 16 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx8  
 32 GB (1 32 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 2Rx4  
 64 GB (1 64 GB) DDR4, registered, ECC, 2,400 MT/s, PC4-2400T-L, LRDIMM, 4Rx4  
 64 GB (1 64 GB) DDR4 3DS, registered, ECC, 2,400 MT/s, PC4-2400T-R, DIMM, 4Rx4

Notes	4x in CX400 M1
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## Interfaces

USB 3.x ports	2 x USB 3.0 (rear)
Graphics (15-pin)	1 x VGA (1x rear)

**Interfaces**

LAN / Ethernet (RJ-45)	3 / 2x Gbit/s Ethernet + 1x service LAN Onboard
Management LAN (RJ45)	Management LAN traffic can be switched to shared onboard Gbit LAN port

**Onboard or integrated Controller**

RAID controller	RAID 0/1 for internal drives
SATA Controller	Intel® C610, for up to 6 x 2.5 inch SATA or SSD SW Raid 0/1
LAN Controller	2 x 10/100/1000 Mbit/s Ethernet (TCP/IP acceleration)
Remote management controller	Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller) IPMI 2.0 compatible

**Slots**

PCI-Express 3.0 x16	2 x (for low profile)
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**Drive bays**

Storage drive bays	up to 6x 2.5-inch (in the PRIMERGY CX400 M1 chassis)
Storage drive bay configuration	depending on hardware configuration

**General system information**

Number of fans	0
Fan configuration	Centralized non hot plug fans part of CX400 Chassis

**Operating panel**

Operating buttons	On/off switch ID button
Status LEDs	Power (green) System status (orange) LAN speed (green / yellow) LAN connection (green) Identification (blue)

**BIOS**

BIOS features	UEFI compliant Legacy BIOS compatibility customer configuration option Secure boot support ROM based setup utility GPT support for boot drives larger than 2.2 TB IPMI support Recovery BIOS BIOS settings save and restore Local BIOS update from USB device Online update tools for main Linux versions Local and remote update via ServerView Update Manager IPv4/IPv6 remote PXE & iSCSI boot support
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## Operating Systems and Virtualization Software

Certified or supported operating systems and virtualization software

Windows Server 2016 Datacenter  
 Windows Server 2016 Standard  
 Windows Server 2016 Essentials  
 Windows Storage Server 2016 Standard  
 Windows Server Datacenter, version 1709  
 Hyper-V Server 2012 R2  
 Windows Server 2012 R2 Datacenter  
 Windows Server 2012 R2 Standard  
 Windows Server 2012 R2 Essentials  
 Windows Storage Server 2012 R2 Standard  
 VMware vSphere™ 6.7  
 VMware vSphere™ 6.5  
 VMware vSphere™ 6.0  
 VMware vSphere™ 5.5  
 SUSE® Linux Enterprise Server 12  
 SUSE® Linux Enterprise Server 11  
 Red Hat® Enterprise Linux 7  
 Red Hat® Enterprise Linux 6  
 Citrix® XenServer®  
 Oracle® VM 3

Operating system notes

Operating system release link <http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473>

## Dimensions

Weight 5 kg  
 Node size 1 U half wide (W175.5 x D520 x H40.8 mm)

## Environment

Operating ambient temperature 5 - 40 °C (41 - 104 °F)  
 Operating relative humidity 10 - 85 % (non condensing)  
 Temperature and humidity notes Cool-safe® Advanced Thermal Design (above 35 °C or below 10 °C) depending on configuration. For detailed information see relevant system configurator.  
 Maximum altitude 3,000 m  
 Operating environment FTS 04230 – Guideline for Data Center (installation specification)  
 Operating environment link <http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe>

## Compliance

Global CB  
 RoHS (Substance limitations in accordance with global RoHS regulations)  
 WEEE (Waste electrical and electronic equipment)  
 IEC 60950

Europe CE Class A \*  
 EN 60950 - 1  
 EN 50371  
 EN 55022  
 EN 61000-3-3  
 EN 55024

USA/Canada UL/CSA  
 ICES-003 / NMB-003 Class A

Japan VCCI Class A

Taiwan CNS 13436  
 CNS 13438 class A

Compliance link <https://sp.ts.fujitsu.com/sites/certificates>

**Compliance**

Compliance notes

There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request.  
 \* Warning:  
 This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

# Components

	HDD SATA, 6 Gb/s, 500 GB, 7,200 rpm, hot-plug, 2.5-inch, business critical
Hard disk drives	HDD SATA, 6 Gb/s, 250 GB, 7,200 rpm, hot-plug, 2.5-inch, business critical
	HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical
Hard disk drives	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 2.5-inch, business critical
	HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, 512e, hot-plug, 2.5-inch, business critical
	HDD SAS, 12 Gb/s, 900 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 900 GB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
	HDD SAS, 12 Gb/s, 450 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
	HDD SAS, 12 Gb/s, 300 GB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 2 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical
	HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise, SED
	HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512e, hot-plug, 2.5-inch, enterprise
	HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, 512n, hot-plug, 2.5-inch, enterprise, SED
	HDD SAS, 12 Gb/s, 1 TB, 7,200 rpm, 512n, hot-plug, 2.5-inch, business critical

SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 800 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.4 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3.6 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 240 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 200 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 120 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 7.68 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.5 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1.0 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 0.9 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (drive writes per day for 5 years)
SSD SATA, 6 Gb/s, 1.6 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SATA, 6 Gb/s, 1.2 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 960 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 960 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED
SSD SAS, 12 Gb/s, 800 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
SSD SAS, 12 Gb/s, 480 GB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 480 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED
SSD SAS, 12 Gb/s, 400 GB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 400 GB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise, 10 DWPD (drive writes per day for 5 years)
SSD SAS, 12 Gb/s, 3.84 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 3.84 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 3.2 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.92 TB, Read-Intensive, hot-plug, 2.5-inch, enterprise, 1 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.92 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years), SED
SSD SAS, 12 Gb/s, 1.6 TB, Write-Intensive, hot-plug, 2.5-inch, enterprise, 10 DWPD (Drive Writes Per Day for 5 years)
SSD SAS, 12 Gb/s, 1.6 TB, Mixed-use, hot-plug, 2.5-inch, enterprise, 3 DWPD (Drive Writes Per Day for 5 years)
DOM SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 0.13 DWPD (Drive Writes Per Day for 5 years)
DOM SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 0.054 DWPD (drive writes per day for 5 years)
DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 384 TBW (based on JEDEC 218)
DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 0.14 DWPD (Drive Writes Per Day for 5 years)
DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 0.054 DWPD (drive writes per day for 5 years)
LSI PSAS CP400e LP SAS Ctrl. 12 Gbit/s 8 ports ext. PCIe 3.0 x8
Fujitsu PSAS CP400i SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8

## SCSI / SAS Controller

<b>RAID Controller</b>	<p>Fujitsu PRAID EP420i, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3108</p> <p>Fujitsu PRAID EP420i for SafeStore, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3108</p> <p>Fujitsu PRAID EP400i, RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 1 GB, Optional FBU based on LSI SAS3108</p> <p>Fujitsu PRAID CP400i, RAID Ctrl., SAS/SATA 12 Gbit/s, 8 ports int. RAID level: 0, 1, 1E, 10, 5, 50, No FBU support</p>
<b>Fibre Channel controller</b>	<p>Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Cavium QLE2742 MMF LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 32 Gbit/s Emulex LPe32002-M6-F MMF LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe16002B LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2672 LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2692 LC-style</p> <p>Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe31002-M6-F MMF LC-style</p>
<b>Communication, Network</b>	<p>Converged Network Adapter 1 x 40 Gbit/s PCIe 3.0 x8 QSFP+ ( Emulex )</p> <p>Converged Network Adapter 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ ( Emulex )</p> <p>Ethernet Ctrl. 2 x 10 Gbit/s ; 1 Gbit/s PCIe 3.0 x8 RJ45 ( Intel® )</p> <p>Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.0 x8 SFP+ ( Fujitsu )</p> <p>Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.1 x8 RJ45 ( Intel® )</p> <p>Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 10Gbit/s Eth (RJ45) ( Emulex )</p> <p>Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ ( Emulex )</p>
<b>Communication, Network</b>	<p>Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ ( Intel® )</p> <p>Ethernet Ctrl. 2 x 1 Gbit/s PCIe 2.1 x4 RJ45 ( Intel® )</p> <p>Ethernet Ctrl. 4 x 1 Gbit/s PCIe 2.1 x4 RJ45 ( Intel® )</p> <p>InfiniBand HCA 1 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market max. one IB HCA 100Gb controller can be installed ( Mellanox )</p> <p>InfiniBand HCA 1 x 40 Gbit/s PCIe 2.0 x8 QSFP ( Intel® )</p> <p>InfiniBand HCA 1 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed ( Mellanox )</p> <p>InfiniBand HCA 2 x 100 Gbit/s PCIe 3.0 x16 QSFP for the US market max. one IB HCA 100Gb controller can be installed ( Mellanox )</p> <p>InfiniBand HCA 2 x 40 Gbit/s PCIe 2.0 x8 QSFP ( Intel® )</p>
<b>Communication, Network</b>	<p>InfiniBand HCA 2 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed ( Mellanox )</p> <p>Omni Path 1 x PCIe 3.0 x16 ( Intel® )</p>
<b>Warranty</b>	
Warranty period	3 years
Warranty type	Onsite warranty
<b>Product Support Services - the perfect extension</b>	
Recommended Service	24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.
Spare Parts availability	5 years
Service Weblink	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>



## More information

### Fujitsu platform solutions

In addition to Fujitsu PRIMERGY CX2550 M2, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

**Dynamic Infrastructures**  
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

**Computing Products**  
[www.fujitsu.com/global/products/computing/](http://www.fujitsu.com/global/products/computing/)

**Software**  
[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

### More information

Learn more about Fujitsu PRIMERGY CX2550 M2, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
<http://www.fujitsu.com/PRIMERGY>

### Fujitsu green policy innovation

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